

1 WHAT IS CLAIMED IS:

1. An image processing system, comprising:

a) an information processing apparatus

including:

5 operating means for entering information;

processing means for processing and outputting
information entered at said operating means; and

an interface for connecting an external
apparatus; and

10 b) an image pickup apparatus detachable from
said interface, including:

image pickup means for picking up an object
image; and

15 storage means for storing programs each
describing how to operate said image pickup means by
means of said processing means.

2. An image processing system according to claim
1, wherein said processing means reads any of said
20 programs from said storage means in said image pickup
apparatus connected via the said interface.

3. An image processing system according to
claim 1, wherein said information processing apparatus
25 further comprising:

display means for displaying information
processed by said processing means.

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4. An image processing system according to claim 1, wherein said image pickup apparatus is shaped like a card.

5. An image processing system according to claim 2, wherein said processing means controls said image pickup means according to any of said programs.

6. An information processing apparatus,
comprising:

operating means for entering information;
processing means for processing and outputting
information entered at said operating means; and
an interface for inputting or outputting
information to or from an image pickup apparatus
having image pickup means and storage means for
storing programs each describing how to operate said
image pickup means.

7. An information processing apparatus according to claim 6, wherein said processing means reads any of said programs from said storage means in said image pickup apparatus connected via said interface.

8. An information processing apparatus according to claim 6, further comprising:

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1 display means for use in displaying information
processed by said processing means.

9. An information processing apparatus
5 according to claim 6, wherein said image pickup
apparatus is shaped like a card.

10. An information processing apparatus
according to claim 7, wherein said processing means
10 controls said image pickup means according to any of
said programs.

11. An image pickup apparatus connected to an
information processing apparatus including operating
15 means for entering information and processing means
for processing and outputting information entered at
said operating means, comprising:

image pickup means for picking up an object
image; and

20 storage means for storing programs each
describing how to operate said image pickup means
by means of said processing means.

12. An image pickup apparatus according to
25 claim 11, wherein said image pickup apparatus is
shaped like a card.

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15. An image processing system according to claim 14, wherein when said detecting means detects

1 that said image pickup apparatus is mounted, said
power state sensing means specifies a first sense
threshold and a second sense threshold, and
wherein said first sense threshold is used to actuate
5 or stop the facilities of said image pickup
apparatus and said second sense threshold is used
to actuate or stop the facilities of said information
processing apparatus.

10 16. An image processing system according to
claim 14, wherein said image pickup apparatus
includes program storage means and a facility for
specifying said sense thresholds in said power state
sensing means according to data stored in said
15 storage means.

17. An image processing system according to
claim 16, wherein said data stored in said storage
means are a plurality of sense thresholds
20 corresponding to a plurality of modes required for
the operation of said image pickup apparatus.

18. An image processing system, comprising:
an image processing apparatus including
25 operating means, display means, control means, power
supply means, and power state sensing means;
an image pickup apparatus including image

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1 pickup means and power supply means; and
supply control means for supplying power from
said power supply of said information processing
apparatus to said image pickup apparatus according
5 to the output of said power state sensing means.

19. An information processing apparatus, from
which an image pickup apparatus having image pickup
means is demountable and which includes operating
10 means, display means, and power supply means,
characterized in that said power supply means is
means for supplying power to said image pickup apparatus.

20. An information processing apparatus
15 according to claim 19, further comprising image pickup
apparatus detachment detecting means, and power state
sensing means in which a sense threshold is specified
according to the output detected by said image pickup
apparatus detachment detecting means.

20 21. An information processing apparatus
including operating means, display means, and
protecting means for protecting a mounted image pickup
apparatus, characterized in that said image pickup
25 apparatus having image pickup means is demountable
from said information processing apparatus.

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1 22. An information processing apparatus
according to claim 21, further comprising control means
for controlling actuation or stop of said image pickup
apparatus according to the operation of said image
5 pickup protecting means.

23. An image pickup apparatus demountable from
an information processing apparatus including operating
means and display means, comprising:
10 image pickup means; and
protecting means for protecting said image
pickup means.

24. An image processing apparatus, comprising:
15 information input means for entering information;
display means for displaying information
entered at said information input means;
image pickup means for picking up an object
image;
20 a housing for holding at least one of said
image pickup means, said information input means, and
said display means; and
control means for controlling said image
pickup means according to the state of said housing.

25 25. An image processing apparatus according
to claim 24, wherein said control means controls

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1 start or stop of operation of said image pickup means
according to the state of said housing.

26. An image processing apparatus according to
5 claim 24, wherein said housing has a hinge, and said
control means controls said image pickup means according
to the state of said hinge.

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10 27. An image processing system, comprising:
a) an information processing apparatus
including:

operating means for entering information;
processing means for processing information
entered at said operating means;

15 display means for performing a display
corresponding to data processed by said processing
means; and

an interface for connecting an external
apparatus; and

20 b) an image pickup apparatus detachable from
said interface, including:

image pickup means for picking up an object
image; wherein said information processing apparatus
further includes:

25 detecting means for detecting that said image
pickup apparatus is connected; and

control means for controlling the displaying

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28. An image processing system according to claim 27, wherein when said detecting means detects that said image pickup apparatus is connected, said control means displays image information sent from said image pickup apparatus on said display means.

15 30. An image processing system, comprising:
 a computer including operating means, display
 means, and control means;

20 control means that when said image pickup
apparatus is not mounted on said computer, stops
the operation of said image pickup means.

31. An image processing system according to
25 claim 30, wherein said image pickup apparatus is
shaped like a card.

1 32. An information processing apparatus, on
which image pickup apparatus can be mounted,
characterized in that a mounting unit for mounting
said image pickup apparatus is formed at a position at
5 which the facilities of said image pickup means used
for imaging come out of said information processing
apparatus.

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